Title (en)

CRUSH RIB HOUSING FOR POSITIVE LOCK RECEPTACLE

Title (de)

EINDRÜCKRIPPENGEHÄUSE FÜR BEHÄLTER MIT ZWANGSSPERRE

Title (fr)

BOÎTIER DE NERVURE D'ÉCRASEMENT POUR RÉCEPTACLE À VERROUILLAGE POSITIF

Publication

EP 3507868 A1 20190710 (EN)

Application

EP 17769124 A 20170823

Priority

- US 201615251592 A 20160830
- IB 2017055090 W 20170823

Abstract (en)

[origin: US9692163B1] A receptacle connector that includes a positive lock receptacle, wherein the positive lock receptacle includes a wire receiving portion; and a housing insertion portion, wherein the housing insertion portion further includes a first electrical contact roll and a second electrical contact roll; and a housing adapted to receive the positive lock receptacle, wherein the housing includes: an insulating housing body; and a first crush rib positioned within the insulating housing body and a second crush rib positioned within the insulating housing body, wherein the first and second crush ribs engage and secure the first and second electrical contact rolls respectively upon insertion of the housing insertion portion of the positive lock receptacle into the housing.

IPC 8 full level

H01R 13/506 (2006.01); **H01R 4/18** (2006.01); **H01R 13/115** (2006.01); **H01R 13/422** (2006.01); **H01R 13/424** (2006.01); **H01R 13/641** (2006.01)

CPC (source: CN EP KR US)

H01R 4/185 (2013.01 - CN KR); **H01R 4/70** (2013.01 - CN KR US); **H01R 13/115** (2013.01 - CN EP KR US); **H01R 13/4223** (2013.01 - CN EP KR US); **H01R 13/506** (2013.01 - CN EP KR US); **H01R 13/641** (2013.01 - CN KR); H01R 4/185 (2013.01 - EP US); H01R 13/641 (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 9692163 B1 20170627; CN 109643864 A 20190416; CN 115425449 A 20221202; EP 3507868 A1 20190710; JP 2019525438 A 20190905; KR 102230205 B1 20210323; KR 20190039326 A 20190410; WO 2018042292 A1 20180308

DOCDB simple family (application)

US 201615251592 A 20160830; CN 201780052382 A 20170823; CN 202211069126 A 20170823; EP 17769124 A 20170823; IB 2017055090 W 20170823; JP 2019511421 A 20170823; KR 20197008762 A 20170823